

Minimum Requirements for a Project Charter

Module 5: Technical Compliance

Topic 1: EOSC Federated AAI Integration



Disclaimer

Charter Section 5 is where you show the Federation you can actually plug in.

It's short by design: two pages, mostly narrative, asking for a credible plan rather than a finished implementation.

For the deep technical architecture behind EOSC AAI, EOSC Academy has a dedicated course: **Course 7: The EOSC AAI Explained**.

Worth doing alongside this module if you have an AAI operator or architect on your team; this module stays focused on what Section 5 needs, not the underlying protocol architecture.

Core vs Federating Capabilities

Two terms get used throughout this module, and they're worth keeping distinct:

1. **Node Core Capabilities** are what your Node needs internally to operate (AAI, Helpdesk, Catalogue, and seven others – Topic 3 covers the full list);
2. **Federating Capabilities (FC)** are how those internal capabilities connect to the rest of the Federation, and only some of them are currently mandatory. Section 5 asks about both.



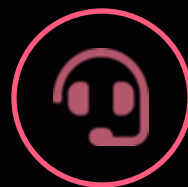
Federated AAI

Single sign-on across all EOSC nodes – enabling seamless, policy-compliant access for researchers



EOSC Catalogue

Exposure of node services and datasets through the common EOSC resource catalogue with FAIR-aligned metadata



Helpdesk

Node-level user support integrated with the federation-wide helpdesk system, ensuring consistent service for the research community



Monitoring

Continuous service monitoring feeding into federation-wide dashboards to maintain transparency, reliability and SLA compliance



Service Mgmt System

Structured service management framework (FitSM) governing how node services are operated, improved and reported

Why It Matters

AAI (FC-1) is one of only two Federating Capabilities that are **mandatory from day one** — the other being the Catalogue, covered in Topic 2.

Integrating means your Node's users authenticate through the shared federated identity system, rather than your Node maintaining separate login infrastructure that nobody outside your Node can use.

What this means:

- Your Node needs an **Infrastructure Proxy implementing the AARC Blueprint Architecture**, and your Node must **join eduGAIN as a Service Provider**.
- The core protocols are **OpenID Connect and OAuth2**, with integration to **MyAccessID**.

A Node may host one or more Community AAI, but a single Infrastructure Proxy or Community AAI can't be registered by more than one Node.

Section 5 doesn't expect this fully built at Charter stage — it expects a credible, specific plan: what your Node's authentication setup looks like today, and the concrete steps to full integration.

What Section 5 Expects

General Criterion #3

Section 5 must open with a short sentence (around 50 words) **confirming you agree to comply with the mandatory technical specifications** for Federation integration.

Weak

“We intend to explore compliance with EOSC technical requirements as our Node develops.”

Strong

“We confirm our agreement to comply with the mandatory technical specifications for integration in the EOSC Federation, including the EOSC Federated AAI and exposure of our resources through the common EOSC catalogue.”

Describing Your AAI Plan

After the confirmation sentence, **describe where your Node's authentication stands today** and the concrete path to an AARC Blueprint-compliant Infrastructure Proxy.

Weak

"Our Node will integrate with EOSC AAI to enable federated access for users."

This could be true of any Node at any stage — it names no starting point and no actual mechanism.

Strong

"The Marine Science Node currently authenticates users through institutional logins at each of our three partner institutions. We will deploy an AARC Blueprint-compliant Infrastructure Proxy, join eduGAIN as a Service Provider, and integrate our first service (the Marine Data Discovery Service, already in production) in the first phase, extending to remaining services in a second phase."

The second version names the actual starting point, the actual required components (Infrastructure Proxy, eduGAIN membership), and a realistic sequence.

Current authentication setup (what your Node's services use today):

Planned Infrastructure Proxy and eduGAIN integration approach:

Which service(s) integrate first, and why:

Draft your opening confirmation sentence (~50 words):

Thank you!